



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/042,658	01/08/2002	Brian Carl Stanz	3601-58	6991

22442 7590 06/07/2005

SHERIDAN ROSS PC  
1560 BROADWAY  
SUITE 1200  
DENVER, CO 80202

EXAMINER

LERNER, MARTIN

ART UNIT	PAPER NUMBER
----------	--------------

2654

DATE MAILED: 06/07/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

**Application No.**

10/042,658

**Applicant(s)**

STANZ ET AL.

**Examiner**

Martin Lerner

**Art Unit**

2654

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1 to 29 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1 to 29 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 08 January 2002 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- ☒ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 02/15/2002.
- ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_.
- ☐ Notice of Informal Patent Application (PTO-152)
- ☐ Other: \_\_\_\_.

## **DETAILED ACTION**

### ***Drawings***

1. The drawings are objected to as being informal due to hand written and hand numbered elements. Also, it is difficult to see the reference numerals in the screen shots of Figures 8 to 38.

Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

### ***Claim Objections***

2. Claim 27 is objected to because of the following informalities:

In claim 27, "a second language" is indefinite with respect to independent claim 25, which already recites "a second language". Thus, "a second language" should be —said second language—.

Appropriate correction is required.

### ***Claim Rejections - 35 USC § 102***

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claims 1, 3 to 6, 9 to 14, 18 to 22, and 25 to 29 are rejected under 35 U.S.C. 102(b) as being anticipated by *Malcolm*.

Regarding independent claim 1, *Malcolm* discloses a method for supporting multilingual translations, comprising:

"developing as part of a computer program at least a first record containing source text in a first natural language" – pseudo-code for aiding translation of a language dependent file 70 into another language dependent file 100 suitable for a particular language to be supported is provided (column 9, lines 55 to 67: Table 2: Figure 4); English is "a first natural language";

“recording an event related to said at least a first record” – a change log file 140 is generated to track and log changes made during development by comparing a current version of language dependent file 70 with a previous version of language dependent file 136 (column 10, line 16 to column 11, line 25: Table 3: Figure 4);

“recording a status of a translation of said first record into a second natural language, wherein said first record containing source text is not a finalized version of said source text” – a log entry has a date and time of changes, and whether a file string is “Change” or “New” (“recording a status of a translation”) (column 11, lines 10 to 20: Table 3: Figure 4); language dependent file 100 is in German, “a second natural language”; program code is generated for a pre-release version before the final product (“is not a finalized version of said source text”) (column 10, lines 16 to 56: Figure 4).

Regarding independent claim 14, *Malcolm* discloses a system for supporting multilingual translations, comprising:

“a processor” – processor 11 (column 3, line 67 to column 4, line 4: Figures 1 and 2);

“a storage device” – file storage means 30 and storage means 35 (column 4, lines 16 to 24; column 4, lines 55 to 63: Figures 1 and 2);

“an output device” – display manager 14 drives display 10 (column 3, line 57 to column 4, line 4: Figures 1 and 2);

“software comprising: at least a first status table comprising a record of changes to portions of text written in a first natural language and included in a source computer

Art Unit: 2654

program from a previous version of said source computer program to a current version of said source computer program, and a record of translations of said portions of text written in said first natural language and included in said current version of said source computer program to a second natural language” – pseudo-code (“software”) for aiding translation of a language dependent file 70 into another language dependent file 100 suitable for a particular language to be supported is provided (column 9, lines 55 to 67: Table 2: Figure 4); English is “a first natural language” and language dependent file 100 is in German, “a second natural language”; a change log file 140 (“a first status table comprising a record of changes”) is generated to track and log changes made during development by comparing a current version of language dependent file 70 with a previous version of language dependent file 136 (column 10, line 16 to column 11, line 25: Table 3: Figure 4); a log entry has a date and time of changes, and whether a file string is “Change” or “New” (“a record of changes”) (column 11, lines 10 to 20: Table 3: Figure 4);

“a translation tool work sheet, comprising: a first edit box, wherein at least a first of said portions of text written in said first natural language and included in said current version of said computer program” – screen panels are provided for a source file 40 as sample panel 80, or as English language panel 88 (column 5, lines 1 to 43: Figures 4 and 5);

“a second edit box, wherein a translation of said at least a first of said portions of text written in said first natural language and displayed in said first edit box into a second natural language can be entered, wherein said translation of said at least a first

Art Unit: 2654

of said portions of text into a second natural language is stored as part of a target computer program” – translation of language dependent file 70 results in a corresponding file 100 into a German language; language dependent file 100 serves as input to panel-formatter subsystem 108, and is displayed as panel 120 (column 6, lines 25 to 60: Figures 4 and 5).

Regarding independent claims 18 and 25, *Malcolm* discloses a method for supporting multilingual translations, comprising:

“writing a first iteration of a source software program, wherein said source software program comprises at least a first component written in a first natural language” – language dependent file 70 is written in English (column 9, lines 55 to 60: Figures 4 and 5); object code file 32 defines screen panels for an application entering customer data for transactions (“a source software program”) (column 4, lines 55 to 58: Figures 3a to 3c and Figure 4);

“determining a translation status of said at least a first component with respect to at least a second natural language” – pseudo-code for aiding translation of a language dependent file 70 into another language dependent file 100 suitable for a particular language to be supported is provided (column 9, lines 55 to 67: Table 2: Figure 4); English is “a first natural language”, and language dependent file 100 is in German, “a second natural language”; a change log file 140 is generated to track and log changes made during development by comparing a current version of language dependent file

Art Unit: 2654

70 with a previous version of language dependent file 136 ("determining a translation status") (column 10, line 16 to column 11, line 25: Table 3: Figure 4);

"translating said at least a first component of said source software program into a second natural language, wherein said translated first component is part of a target software program" – pseudo-code ("software") for aiding translation of a language dependent file 70 into another language dependent file 100 suitable for a particular language to be supported is provided (column 9, lines 55 to 67: Table 2: Figure 4); English is "a first natural language"; language dependent file 100 is in German, "a second natural language";

"updating a translation status of said at least a first component with response to said second natural language" – a log entry creates a log entry of a date and time of changes, and whether a file string is "Change" or "New" (column 11, lines 10 to 20: Table 3: Figure 4);

"displaying said at least a first component of said software translated into said second language in a second format" – translation of language dependent file 70 results in a corresponding file 100 in a German language; language dependent file 100 serves as input to panel-formatter subsystem 108, and is displayed as panel 120 (column 6, lines 25 to 60: Figures 4 and 5);

"after said step of translating, preparing a second iteration of said software program, wherein a component of said software program written in said first natural language is at least one of written and edited" – changes in a software development cycle pass through various stages prior to the end product (column 10, lines 16 to 56); a



log entry creates a date and time of changes, and whether a file string is "Change" or "New" (column 11, lines 10 to 20: Table 3: Figure 4); thus, iterative changes to software in development are provided, and status of a text string is entered in change log file 140 as "Change" or "New" (column 11, lines 10 to 20: Table 3: Figure 4).

Regarding claims 3 to 6, 21 to 22, and 26 to 28, *Malcolm* discloses changes in a software development cycle pass through various stages prior to the end product (column 10, lines 16 to 56); a log entry creates a log entry of a date and time of changes, and whether a file string is "Change" or "New" (column 11, lines 10 to 20: Table 3: Figure 4); thus, changes ("revisions") are recorded ("updated") in change log file 140.

Regarding claims 9 to 12, 19 to 20, 24, and 29, *Malcolm* discloses screen panels are provided for a source file 40 as sample panel 80, or as English language panel 88 (column 5, lines 1 to 43: Figures 4 and 5); translation of language dependent file 70 results in a corresponding file 100 into a German language; language dependent file 100 serves an input to panel-formatter subsystem 108, and is displayed as panel 120 (column 6, lines 25 to 60: Figures 4 and 5); implicitly, panel-formatter subsystem 108 displays screen panels simultaneously.

Regarding claim 13, *Malcolm* discloses pseudo-code for checking if a string is new or if it has not been flagged ("querying said status") (column 11, lines 16 to 24: Table 3).

***Claim Rejections - 35 USC § 103***

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claims 2, 7, 8, 15 to 17, and 23 are rejected under 35 U.S.C. 103(a) as being unpatentable over *Malcolm* in view of *Lakritz*.

Concerning claims 2, 7, 8, and 23, *Malcolm* discloses all of the limitations of translating, recording a status, detecting revisions, updating, retranslating, and displaying, omitting only "a third natural language". However, it is quite common for language translation software to provide for translation between more than two languages. Specifically, *Lakritz* teaches a translation management system for translating HTML documents into a list of languages. (Column 5, Lines 27 to 62: Figure 12) The objective is to provide translation services that are instantly available to a user as automated translation tools to incrementally update the language content of a web site. (Column 2, Lines 10 to 39) It would have been obvious to one having ordinary skill in the art to provide translation services between at least three natural languages as suggested by *Lakritz* in the method and system to support automated translations of *Malcolm* for the purpose of incrementally updating language content of a web site.

Concerning claims 15 to 17, *Lakritz* teaches a manager's console provides "one touch" translation at the click of a button ("a user input device"), and coordinates quality level and completion (column 8, lines 4 to 40: Figure 7).

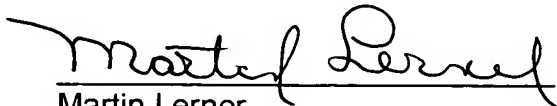
***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Martin Lerner whose telephone number is (571) 272-7608. The examiner can normally be reached on 8:30 AM to 6:00 PM Monday to Thursday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Richemond Dorvil can be reached on (571) 272-7602. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

ML  
5/31/05

  
Martin Lerner  
Examiner  
Group Art Unit 2654